

Abstract (Figure 1)

The invention relates to a nozzle needle 4 of an injection nozzle 1, which is disposed within an injector housing and is biased against a housing shoulder 5 by way of a spring 2. A piezo-element 7 is between the spring 2 and the housing shoulder 5, to determine the nozzle needle path during opening and closing of the nozzle opening 3. For this purpose, the piezo-element 7 has two electrical connectors 8.1, 8.2 in the region of the faces 7.1, 7.2, respectively.